

"Dedicated to Public Service"

THE RADIATOR



W6RHC
IRLP #8170
Echolink #322788



<http://www.gearsw6rhc.org>

P.O.Box 508 Chico, CA 95927-0508

Founded: August 13 1939

December, 2010

Coming Events

O.A.R.S. GENERAL MEETING

Friday, Jan. 14, 2011, at 7:00 p.m., at St. Paul's Church Parrish Hall, 1430 Pine St., Oroville

G.A.R.S. January 12, 2011, General Meeting at Lutheran Church Hall, Artois; 7:00

G.E.A.R.S January 21, 2011, General Meeting, at Butte County Search and Rescue Building, Chico.

A.R.E.S. MEET: January 28, 2011: Butte County Search and Rescue Building.

FCC EXAMS - GEARS VEC

Sunday March 6, 2011 at 2:00 p.m.

At the Butte County Search and Rescue Building. Written test at 2:00 p.m. For information or pre-registration call Gene WA6ZRT, (530) 345-3515.

Club Events:

News and items of interest
GEARS Calendar...all inside.

Remember to check out our
excellent Website: www.gearsw6rhc.org



Picture courtesy EVARC

DECEMBER MEETING IS BOTH ELECTION OF 2011 OFFICERS AND OUR ANNUAL CHRISTMAS CELEBRATION

The GEARS December Meeting:

- *Election of Officers
- * Adoption of GEARS/BCARES MOU
- *Our Traditional Christmas Gift Exchange and Dessert Potluck.

If you wish to participate in the gift exchange please bring an exchange gift the cost of which shall not exceed \$10. If you wish, mark it for a male or female gift.

*DESSERTS FOR ALL: please bring your choice of dessert to share with the club.

This is always a pleasant meeting. Please plan on participating, enjoy our holiday celebration and to also select our 2011 officers.



**G.E.A.R.S. Minutes
November 19, 2010**

**Guest Speaker: Randall Stone –K6RCS –
WSP (Weak Signal Propagation Reporter)**

Meeting called to order at: 7:30pm

Additions to the Agenda/Announcements:

**Field Day Results Gene, W6ZRT –
Class 5 (operators operating at
one time) A (class) #1 in Sacra-
mento Valley (out of 2) Oroville
Club came in #1 in 2 A (out of
2). GEARS was number 8 in Sacra-
mento Valley and OARS was
number 6. Compared to USA
GEARS was in the lower third
everyone in upper 3rd was on
the East Coast. The East Coast
had better propagation.**

**VEC Report: Next test session is Decem-
ber 5, 2010 at the Butte County Library in
Chico. Gene –W6ZRT attended the NCVEC
session. Gene- W6ZRT learned that he
was supposed certify all VE's that he util-
izes during test sessions. Anyone inter-
ested in becoming a VE must notify Gene-
W6ZRT. Gene-W6ZRT has created a man-
ual for VE's or potential VE's to read. VE's
must then sign a document noting that
they have read the manual and that they
will follow its instruction.**

**Treasurer's Report: GEARS has a current
balance of \$3,006.01. There was an inflow
of \$205 and output of \$82.51 (two Pg&E
bills). Evelyn-K6QXC moved to approve the
treasurer's report; Ray – KG6MRK sec-
onded the motion and the motion carried.**

**Minutes: Evelyn IRLP – Jim K6QCN made a
motion to approve minutes with correc-
tion; Gene s**

Report from OARS: No members present

**Report from GARS: New officers have
been posted. GARS had 63 people attend
their open house. Tracy is now the new
GARS president and John - N8GNV is the
trainer. The next general class will begin
Dec 2nd, every Thursday, from 7 – 8:30pm,
in Willows. Please contact Jon - N8GNV in
you are interested.**

New Business:

- **BCARES and GEARS MOU – Not tak-
ing any action tonight. Butte County
Armature Radio Emergency Service
and GEARS will be entering into an
MOU. The document was created by
Jim-K6QCN and Stephen-W6AKF and
Randal-K6RCS made a few revisions.
GEARS will not be taking action to-
night, but Randall wanted the mem-
bership body to review the MOU. The
Board will be reviewing the MOU draft
tonight for further update. It was sug-
gested that the MOU Draft be posted
on the web-site and in the newsletter
if possible.**

Announcement in slate of candidates -
The GEARS elections committee con-
sisted of Dick – W6BIN, John Post –
AG7J and Gene W6ZRT. They have a
list of candidates that are posted in
the November newsletter. The slate
consist of the following: President –
Gene – W6ZRT, Randall-K6RCS, VP –
James-KI6NKZ, Secretary – Krista-
K6RCS, Treasurer – Lester-KG6KUO,
Board Members: Evelyn-K6QXC,
Stephen McDermott-W6AKF, John Post
-AG7J. The election will occur in De-
cember via ballot

GEARS Holiday Party: The GEARS Holiday Party will be held on DEC 17 and will consist of a dessert pot luck and \$10 or less gift exchange. We will also be voting on the GEARS elections and the MOU.

GEARS will be holding a raffle for an HF rig at the annual May Auction Meeting; ticket sales will begin in December. Please let Randall know if you have any suggestions. Randall-K6RCS asked for HF suggestions they are as follows:

YAESU – 897, 857, 817 or ICOM – IC718, ICOM – 706

IRLP Node Donations – VEC will be donating \$500 for an IRLP node. Jim – K6QCN and Evelyn-K6QXC will match what the club can make in donations. We are seeking donation in order to get the IRLP node up and running.

Old Business:

Winter Field Day – Please let Randall know if you are interested in participating in winter field day, January 28th and 29th. Operating will occur outside, but you will have all the luxuries of home.

Adjournment at: Evelyn made a motion to adjourn the meeting; Anna seconded the motion and the motion carries. GEARS meeting ended at 8:25pm.



GEARS Board Meeting November 19, 2010

Called to order at: 8:36pm

Approval of Membership – Evelyn has made a motion to approve the below membership; James seconded the motion.

- Gary McElroy – N6BLU
- Anna Horn – KG6ZOA
- Chuck Orgovan – KF6YKQ
- Arnott Smith – KF2TM
- Otis Harris – KG6TDR
- Al Biegler – WA6WJZ
- Joann Biegler KA6WBR
- Virginia Periat-KI6YIC
- Howard Fairbanks-W6AIL
- Russell Schermer – KA6VUC
- Don Cooper – W6NMW
- Ed Everett – KI6MX
- Pat Everett—KG6PAT

Additions to Agenda –

- **Non profit status** – Randall –K6RCS is continuing to work on GEARS non-profit status. Randall-K6RCS will provide Lester with the appropriate documents needed in order to complete the paperwork for the non-profit status.
- **Repeater batteries** – Dick-W6BIN believes that one of the repeater batteries has gone dead. Dick-W6BIN suggests that the club purchase a hydrometer in order to test the battery, it is estimated the hydrometer costs \$10. It is estimated that the batteries will cost \$600 for both. Currently, the repeater is running on AC. The Board will first purchase a hydrometer in order to determine if the batteries are working and if they are not it is suggested that the Board purchase to replacement batteries. Lester also suggested changing the terminal load. (con't page 4)

Minutes of Nov. 19, continued from page 3:

Dick has volunteered to check the batteries with the hydrometer, weather permitting.

Old Business –

- **HF Radio** – The Board has decided on YAESU 897 for \$869 without tax Gene –W6ZRT made a motion that the club purchase the YAESU 897 (all band all mode) and the MFJ259B as a second place prize; James-KI6NKZ seconded the motion. Tickets will be sold at all OARS, GARS and GEARS meetings. The motion carried, Evelyn-K6QXC and Krista-K6KEG opposed. Ticket price: \$5 per ticket or 5 for 20 – Board consensus.

- **Signature Card** – No update, Gene-W6ZRT will go to the bank and investigate how to solve the problem. Lester is going to investigate possibly changing the bank to US Bank. He will report at the December meeting.

IRLP NODE – The IRLP Node is about \$1000, the Board likes the Micro-Node. The Micro-Node has IRLP and EchoLink. GEARS raised a \$105 in donations at the November meeting.

New Business –

- **Election** – The election committee will be running the elections. Krista will have a completed membership list for the committee.

Holiday Meeting – Krista-K6KEG will email Bessie-K6TSO and Arlene-KG6UPW to bring decorations. The group will arrive at 6pm to set up decorations.

Adjournment: James made a motion to adjourn the meeting; Randall seconded the motion. The motion carried.

GEARS Board meeting was adjourned at 21:19

Respectfully submitted:

Krista Stone, Secretary—K6KEG

A proposed Memorandum of Understanding Document, setting forth the commitment of GEARS to Butte ARES group, is published in this newsletter, commencing on page 6, for the members to review, comment, and submit suggestions or proposed revisions.

The Club will be voting for passage (or not) of this document during the December meeting. Input from members is *a/ways* important.

Please direct comments to EC Stephen McDermott, W6AKF, (stephenmcd1@comcast.com) and to GEARS President Randall Stone-K6RCS (k6rcs@RandallStone.net)



People may doubt what you say, but they will always remember what you do.

SAMPLE BALLOT FOR ELECTION OF OFFICERS—AN ORIGINAL WILL BE PROVIDED AT THE MEETING. YOU MUST BE PRESENT AT THE MEETING IN ORDER TO VOTE

PRESIDENT: VOTE FOR ONE

___ RANDALL STONE—K6ROS

___ GENE WRIGHT — WA6ZRT

___ (WRITE IN NAME)

VICE PRESIDENT: VOTE FOR ONE

___ JAMES HILTON KI6NKZ

___ (WRITE IN NAME)

SECRETARY: VOTE FOR ONE

___ KRISTA STONE—K6KEG

___ (WRITE IN NAME)

TREASURER: VOTE FOR ONE

___ LESTER MIKEWORTH KG6KUO

___ (WRITE IN NAME)

BOARD OF DIRECTORS:

___ EVELYN WEIR K6QXC

___ STEPHEN MCDERMOTT W6AKF

___ JOHN POST AG7J

___ (WRITE IN NAME)

___ (WRITE IN NAME)

___ (WRITE IN NAME)

Candidate Statement

Lawton E (Gene) Wright WA6ZRT

To All Club Members

I feel that is time for me to step up and take over the office of president. I have been a member of this club for the past 20 + years. I have held several offices in the club. I am currently the VEC for GEARS. I have been doing this for the past twelve to fifteen years. When Willie Van De Camp w6cxv (SK) Passed away the club was going to give up the VEC status. I thought that the ability to give tests and report to the FCC was important. I ended up taking the job and am still doing it.

I held the office of treasurer for more years than I can remember. I really appreciated when Lester (K6KUO) took it over a couple of years ago.

My thoughts for the club are that we will do more in getting the members to come to club meetings. I also hope to be able to help the new ham's get up and operating. Just what this will entail I don't know yet. More hands on programs, encouraging the members to meet on the air and try new modes of operation.

This is all that I have to offer but I am asking that you attend the December meeting and vote!!!!

Thank You

Lawton E Gene) Wright WA6ZRT

**Memorandum of Understanding (MOU)
Between the
Butte County, California, Amateur Radio Emergency Service®
and the
Golden Empire Amateur Radio Society, Chico, California**

Introduction

The Golden Empire Amateur Radio Society (hereafter "GEARS") and the Butte County, California, Amateur Radio Emergency Service® (hereafter "BCARES") group, responsible for all areas within Butte County, California and representing public-service oriented radio amateurs within this area, have agreed to enter into these local agreements which have formed the basis for this memorandum.

I. Purpose

This agreement between BCARES and GEARS establishes a framework of cooperation and a close working relationship with volunteer radio amateurs organized under the authority of the ARRL Emergency Coordinator and officials of the Butte County ARES. It is intended through joint cooperation of the local resources available to both parties, the public will best be served under disaster, emergency or public-service related situations. This document is not meant to be considered legally binding. It is a statement of cooperation between the two parties.

2. Principles of Cooperation

So that communications resources of the BCARES may be coordinated and utilized to the fullest advantage during disasters emergencies and public-service related situations, and to the extent permitted or required by law and regulation, the BCARES group and GEARS have agreed that each organization will:

- 1. Encourage on-going liaison with the other, urging members of both organizations to support effective communications and cooperation.**
- 2. Work with each other for developing emergency plans, training exercises, and a heightened state of preparedness.**
- 3. Work with each other in times of disaster or emergency to meet the needs of the public.**
- 4. Each party will, at the same time, work within its own lines of authority and respect the lines of authority of the other.**
- 5. Distribute copies of and publicize this agreement through channels to its own members, and to other organizations, both public and private, which**

May have an interest in disaster relief.

- 6. Establish a mutually acceptable means of identification for volunteers under this agreement which is honored by local law enforcement agencies during disasters and emergencies.**
- 7. Recognize that either party to this document may have similar local agreements with other disaster assistance-related agencies/organizations.**
- 8. Support the use of donations of funds and equipment to ensure that BCARES is able to better fulfill its mission in providing emergency communications in the event of any disaster, man-made or natural, with the support of GEARS licensed amateur radio operators. To further this support, BCARES is unable to directly accept donations of funding or equipment. GEARS, as an organization that is able to accept such funding, will perform maintenance of finances on behalf of BCARES and hold as trustee all monies and equipment received for primary use by BCARES to fulfill emergency communications in Butte County, California, or in mutual aid of local ARES groups adjacent to and immediately outside of Butte County, California. As consideration for maintaining the financial accounts of BCARES and title ownership of BCARES equipment, GEARS will be permitted secondary use of BCARES equipment as the GEARS Board of Directors designates for its activities and organization use.**
- 9. The parties agree that this Memorandum of Understanding between GEARS and BCARES shall provide that GEARS and BCARES are individually responsible for their own obligations, agreements, liabilities, or transactions that may occur during the term of this agreement. At no time will GEARS be expected to assume the liabilities of BCARES for liability, negligence, lack of performance, or indebtedness except as directed as trustee of BCARES monies.**
- 10. BCARES agrees to provide GEARS representatives reasonable notice for accounting and statements of account so that due diligence may be exercised in the appropriate calculation of BCARES funds. GEARS agrees to accept liability for the funds in its care as trustee of BCARES account(s) subject to the GEARS Bylaws at the time of execution of this MOU.**

Implementation

This memorandum shall take effect upon its signing by authorized representatives of both parties.

This memorandum may be amended by mutual agreement of both parties, and it is understood by them that at any time this Memorandum of Understanding may be terminated by written notification from either party to the other. This memorandum will remain in force, through and beyond the term of officers of both organizations at the time of signature. And will be ratified by a quorum of members of GEARS as delineated in the GEARS Bylaws at the time of execution.

Miscellaneous

This Memorandum of Understanding does not create a partnership or a joint venture, and neither party has the authority to bind the other. This MOU represents the only agreement and understanding between the parties. If any provision of this MOU is held to be invalid, such invalidity shall not affect the validity or enforceability of any other provision of the MOU. The undersigned Parties hereby acknowledge and agree that they have read and understand the amended terms and conditions outlined herein and agree to them in their entirety. All other terms and conditions not in direct conflict with those outlined in this Amendment No. 1 shall remain unchanged.

Date_____

**Randall Stone, K6RCS
GEARS President**

Date _____

**Stephen McDermott, W6AKF
BCARES Emergency Coordinator
(Butte County ARES)**

Date_____

**Lester Mikeworth, KG6KUO
GEARS Treasurer**

THE CARRINGTON EVENT- LARGEST RECORDED SOLAR FLARE

At 11:18 AM on the cloudless morning of Thursday, September 1, 1859, 33-year-old Richard Carrington—widely acknowledged to be one of England's foremost solar astronomers—was in his well-appointed private observatory. Just as usual on every sunny day, his telescope was projecting an 11-inch-wide image of the sun on a screen, and Carrington skillfully drew the sunspots he saw.

On that morning, he was capturing the likeness of an enormous group of sunspots. Suddenly, before his eyes, two brilliant beads of blinding white light appeared over the sunspots, intensified rapidly, and became kidney-shaped. Realizing that he was witnessing something unprecedented and "being somewhat flurried by the surprise," Carrington later wrote, "I hastily ran to call someone to witness the exhibition with me. On returning within 60 seconds, I was mortified to find that it was already much changed and enfeebled." He and his witness watched the white spots contract to mere pinpoints and disappear. It was 11:23 AM. Only five minutes had passed. Just before dawn the next day, skies all over planet Earth erupted in red, green, and purple auroras so brilliant that newspapers could be read as easily as in daylight. Indeed, stunning auroras pulsated even at near tropical latitudes over Cuba, the Bahamas, Jamaica, El Salvador, and Hawaii.

Even more disconcerting, telegraph systems worldwide went haywire. Spark discharges shocked telegraph operators and set the telegraph paper on fire. Even when telegraphers disconnected the batteries powering the lines, aurora-induced electric currents in the wires still allowed messages to be transmitted.

"What Carrington saw was a white-light solar flare—a magnetic explosion on the sun," explains David Hathaway, solar physics team lead at NASA's Marshall Space Flight Center in Huntsville, Alabama.

Now we know that solar flares happen frequently, especially during solar sunspot maximum. Most betray their existence by releasing X-rays (recorded by X-ray telescopes in space) and radio noise (recorded by radio telescopes in space and on Earth). In Carrington's day, however, there were no X-ray satellites or radio telescopes. No one knew flares existed until that September morning when one super-flare produced enough light to rival the brightness of the sun itself.

"It's rare that one can actually see the brightening of the solar surface," says Hathaway. "It takes a lot of energy to heat up the surface of the sun!"

"In the 160-year record of geomagnetic storms, the Carrington event is the biggest." It's possible to delve back even farther in time by examining arctic ice. "Energetic particles leave a record in nitrates in ice cores," he explains. "Here again the Carrington event sticks out as the biggest in 500 years and nearly twice as big as the runner-up."

These statistics suggest that Carrington flares are once in a half-millennium events. The statistics are far from solid, however, and Hathaway cautions that we don't understand flares well enough to rule out a repeat in our lifetime.

(Excerpted from NASA—2008- article)

Stay tuned for more on solar flares in January Newsletter.....!

AMATEUR RADIO EMERGENCY SERVICES

The Amateur Radio Emergency Service (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment for communications duty in the public service when disaster strikes. Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible for membership in the ARES. The only qualification, other than possession of an Amateur Radio license, is a sincere desire to serve. Because ARES is an amateur service, only amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement.

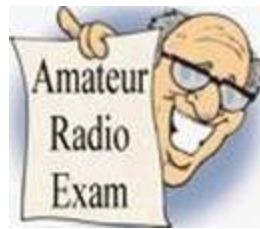
The Butte County ARES Emergency Coordinator is Stephen McDermott, W6AKF. If you are interested in joining Butte County ARES call Stephen at (530) 898-1947. Fill out the ARES Registration Form and snail mail it to Stephen at his address. Stephen McDermott, W6AKF Butte County ARES EC 3549 Esplanade #252 Chico, CA. 95973

For ARES frequencies, ARES registration form and further information please refer to:
www.gearsw6rhc.org, for complete information.

(the above from gearsw6rhc.org website)



Our favorite attitude should
be gratitude



VEC TESTING
2:00 p.m.

December 5th 2010
March 6, 2011

AT BUTTE COUNTY
SEARCH & RESCUE
BUILDING

All Classes
Technician, General and
Extra.

Contact: WA6ZRT-
Gene Wright
530-345-3515

Ham Radio is a
Contact Sport!!!



Caps embroidered with your name and your call sign may be ordered by contacting WA6ZRT -Gene Telephone #530 -345-3515

ARRL 10 METER CONTEST DECEMBER

The highest of the HF bands will be the central operating focus of many amateurs in the [ARRL 10 Meter Contest](#), December 11-12. During the event, many propagation modes will be available: Sporadic-E will help you work stateside stations, a touch of meteor scatter in the morning will give you split-second chances to work stations -- you'd better be quick, though! -- and DX stations could find their way into the log, thanks to some recent signs of life from the F-layer.

"Ten meters was open from the United States to Africa, Europe and South America during the CQ World Wide DX CW contest on the weekend of November 27," said ARRL Contest Branch Manager Sean Kutzko, KX9X. "Let's see if those conditions remain for the second weekend in December."

Single Operator entrants can use CW only, SSB only -- or a mixture of both. They can choose between High Power, Low Power (150 W or less) or QRP (5 W or less). Want to share the fun with your friends? Invite them over and enter in the Multioperator category.

US Novice and Technician class operators can get in on the fun, too. Both classes are permitted SSB operation between 28.3-28.5 MHz with 150 W. No antenna for 10 meters? A dipole for 28.4 MHz is about 16.5 feet long -- build it and get it up in the air as high as you possibly can. Kutzko said that it's an easy construction project and you *will* work stations!

This year also introduces a new element to the contest: The addition of 32 Mexican states as multipliers. For a list of the Mexican states, download a free map provided by Grupo DXE [here](#). "This will no doubt add a new excitement to this long-standing ARRL contest," Kutzko said. The ARRL 10 Meter Contest runs from 0000 UTC Saturday, December 11 through 2359 UTC Sunday, December 12. Logs must be [e-mailed](#) or postmarked no later than 0000 UTC Wednesday, January 12, 2011. Paper logs should be sent to ARRL 10 Meter Contest, 225 Main St, Newington, CT 06111.

THE SOCIETY FOR THE PRESERVATION OF AMATEUR RADIO SPAR WINTER FIELD DAY

SPAR sponsors an annual Winter Field Day, actually an overnight event. GEARs members (the hardy souls) will try to participate this year, *weather permitting*. Last year the snows were too deep and precluded access to the site.

The location is situated at approximately 4000 feet, above Alder Springs and is remote. This is private property, but there are amenities, such as a cabin where participants may rest, and prepare food; also a firepit. There is a generator, for electricity so even though it is a remote location. Bring good, warm sleeping bags, your radio gear, warm clothes, food... all the necessities for an overnight field day. Even though remote, Randall says the road to the turnoff to the property is blacktop for an easy drive.

The categories SPAR has posted are:

Number of operators; Whether indoors
Or Outdoors; True RST Outdoor temperatures.

Volunteers are needed for 10 meter and 15 meter Gene Wright WA6ZRT, is signed on for 20 meters; Randall Stone K6RCS signed up for 40 meters and James Hilton will function on 80 meters. Anyone interested in the 10 and 15 meter stations, or in assisting on the 20, 40, and 80 meter stations should contact Randall Stone, @K6RCS, or telephone 530-521-1318.



Thursday December 2 & ten fol- lowing Thursdays	7:00 p.m.	Veterans Hall Willows, CA	First session of General License Class	John Hursey-N8GNV gonavy@att.com John Post-AG7J john@posthouse.us
Friday Dec10	7:00 p.m.	Oroville Amateur Radio Society OARS General Meeting	St Paul's Church Parrish Hall 1430 Pine St., Oro- ville, CA	John Hunt K7XE@arrl.net 530- 589-4734
Wednesday December 8	7:00 p.m.	Glenn Amateur Radio Society, GARS, General Meeting	Lutheran Church Hall 565 Main St., Artois, CA	Tracy Pitts KI6UQD 530 632 0648
Friday December 17	6.30 p.m.	G.E.A.R.S Golden Empire Amateur Radio Society General Meeting	Butte Co. Search and Res- cue Building, 2591 Mor- row Lane, Chico	Randall Stone K6RCS 530 521 1318
Friday December 24-no meet- ing		ARES-No ARES Meeting during November	Butte Co. Search and Res- cue Bldg 2591 Morrow Lane, Chico	Stephen McDermott W6AKF 530 898 1947
December 5 Sunday	2:00 p.m.	VEC Test	Butte County Search and Rescue Building, 2591 Morrow Lane, Chico	Gene Wright WA6ZRT 530 345-3515

Members: Please note: if you change your mailing address, or your e-mail address, please advise GEARS Secretary and GEARS Newsletter editor.



The GEARS Newsletter Staff:

Editor and Publisher.....Dorothy Post
Printing & DistributionSuzanne Jessen KG6IZM
Website.....Stephen McDermott W6AKF

The Radiator is a monthly publication of the Golden Empire Amateur Radio Society (GEARS). It is the policy of the Editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio, of interest to GEARS members, and space is available. Please send all submissions to the Editor – Dorothy Post by the last day of the month through the following medium: E-mail: dj@posthouse.us

Club Officers: (Board of Directors)

PresidentRandall Stone K6RCS
 Vice President.....James Hilton KI6NKZ
 SecretaryKrista Stone K6KEG
 Treasurer.....Lester Mikeworth KG6KUO
 Past PresidentRay Watkins KO6TW
 Director.....Gene Wright WA6ZRT
 Director.....Stephen McDermott W6AKF
 Director.....Evelyn Weir K6QXC

Club Meetings

General Meeting Third Friday 6:30 PM
 Board Meeting Third Friday 9:00 PM

Club Net

Tuesdays 8:00 PM 146.850 MHz

Sacramento Valley Traffic Net

Nightly 9:00 PM 146.850 MHz

ARES Net

Butte Mondays 8:00 PM 146.850 MHz
 Yuba Sutter Thursdays 7:00 PM 146.085 MHz
 Glenn Monday 7:30 PM 147.105 MHz

Other Nets

Sac Valley
 Section Net
 7:00 PM 2nd Wed of
 the month
 146.085 MHz
 440 Wed. Night 8:00 PM Wednesday 440.650 MHz
 520 *Simplex* 8:00 PM Thursdays 146.520 MHz
 Golden Bear 7:00 PM Daily 3975 kHz
 Willie Net 8:00 PM Mondays 1930 kHz
Western Public Service System (WPSS)
 Winter
 Summer
 5:00 – 7:30 PM
 6:00 – 8:30 PM
 3952 kHz
 3952 kHz

ARISS (International Space Station)

Uplink 144.490 MHz Downlink 145.800 MHz
 Hope-1 satellite: all uplinks are in 145Mhz band:
 All downlinks are in 435Mhz band

FUTURE EVENTS

Palm Springs Hamfest 2011

01/29/2011

Start Date: 01/29/2011

End Date: 01/29/2011

Location: Boskovich Estate

4193 Matthew Drive

Palm Springs, CA 92264

Website: <http://desertrats.am>

Sponsor: Desert RATS Club of Palm Springs

Type: ARRL Hamfest

Talk-In: 146.940 - (PL 107.2)

Public Contact: Peter Reinzuch , VE7REZ

11445 Western Avenue Desert Hot Springs, CA 92240

Phone: 760-318-0186

Email: ve7rez@desertrats.am

QUARTZSITE QUARTZFEST

January 23—29th 2011

Where?

Seven miles South of Quartzsite, Arizona

Who?

Open to all

What?

An annual Ham Radio Boondockers event

More Information?

See GEARS November 2010 newsletter

